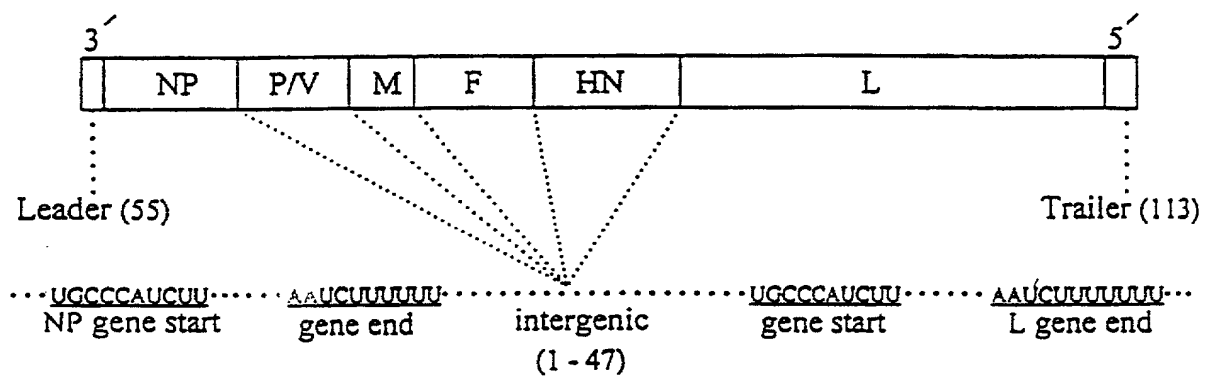


FIGURE 1



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FIGURE 2

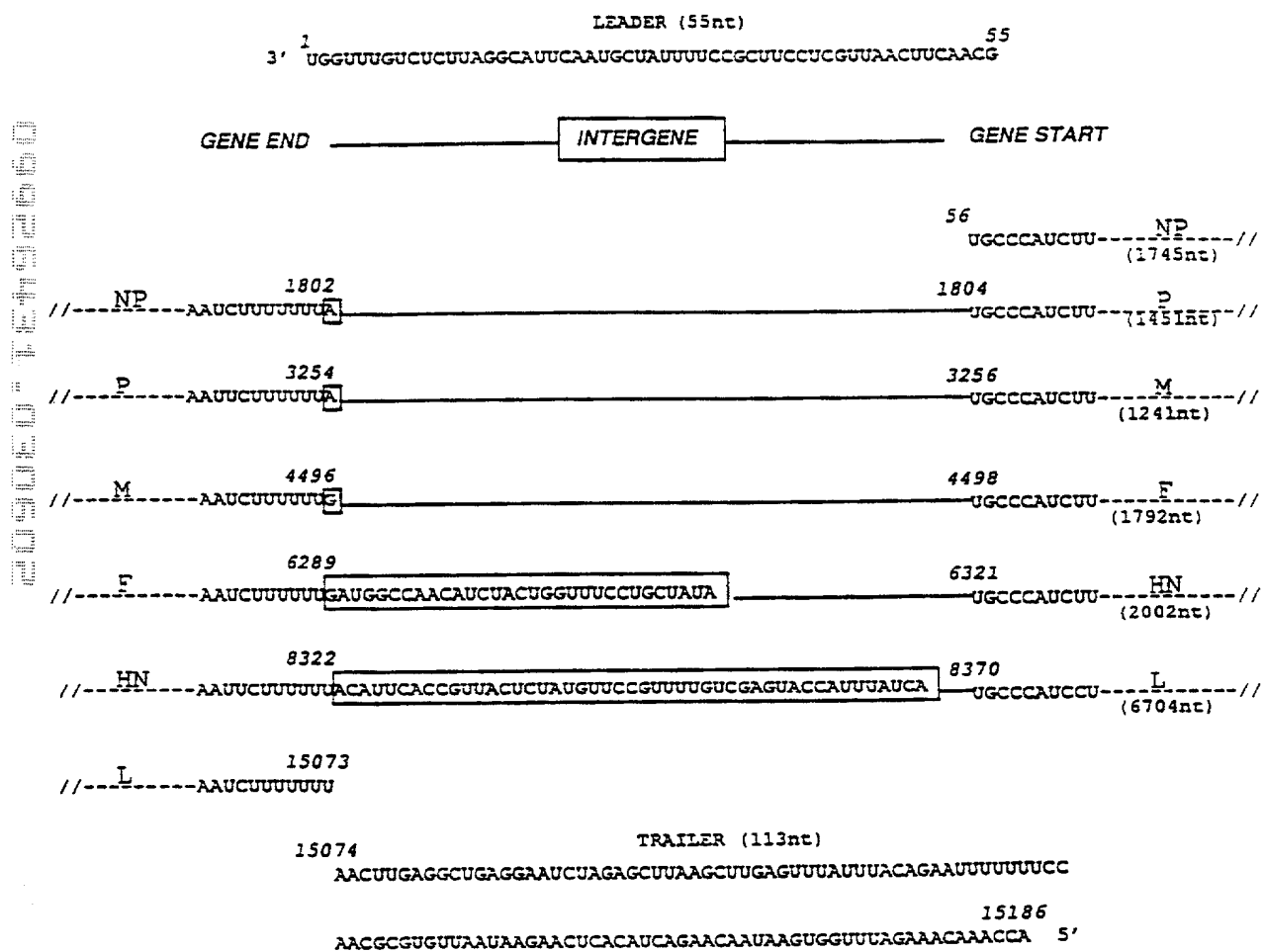


FIGURE 3

(a)

55

D26 Leader 3' UGGUGUGUCUCUAGCAUUCAGUCUAUUUCCGCUUCUCUGUAGCUUCAGCAUGCCCAUCUU

 Beaudette C Leader 3' UGGUGUGUCUCUAGGCAUUCAGUCUAUUUCCGCUUCUCUGUAACTUCAGCGGCCAUCUU

 B1 Leader 3' UGGUGUGUCUCUAGGCAUUCAGUCUAUUUCCGCUUCUCUGUAACTUCAGCGGCCAUCUU
 NP gene start

(b)

58

Beaudette C Trailer 3' AACUUGAGGCUAGGGAUUAAGAGCUUAAGCUUGAGUUUAUACAGAAUUUUUUC

 B1 Trailer 3' CAACTCGAGACUGAGGAUCCUGAGCUUAAGCUUGAGUUUAUACAGAAUUUUUUC

59

Beaudette C Trailer CAACGCGUUAAUAGAACTCACUUCAGAGCAUAAGCGGUUAGAACAAACCA 5' 113

 B1 Trailer CAACGCGUUAAUAGAACTCACUUCAGAGCAUAAGCGGUUAGAACAAACCA 5' 114

FIGURE 4

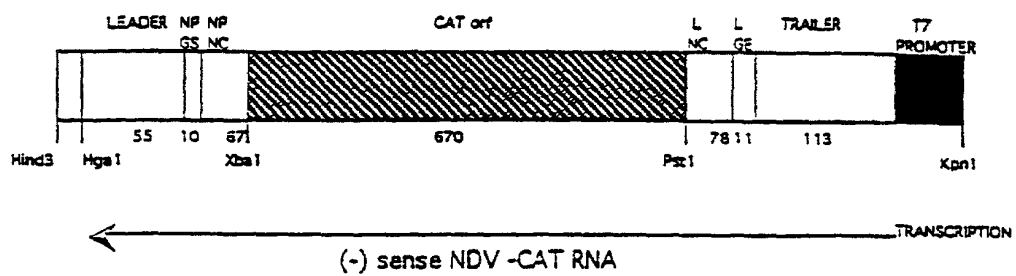


FIGURE 5

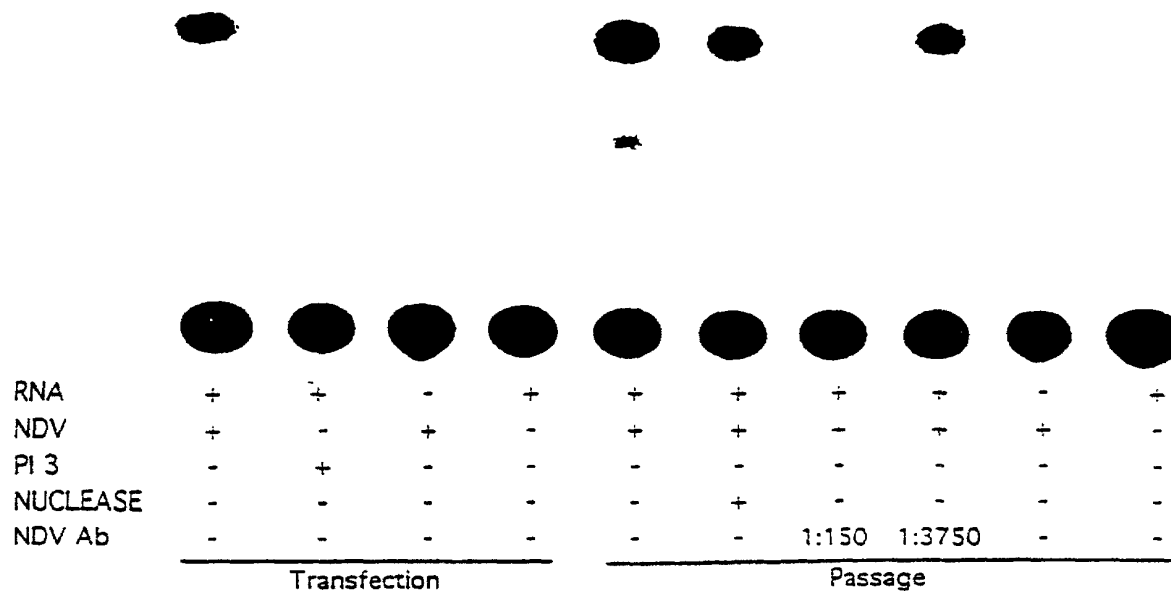


Fig. 5A

Demonstration of NDV minigenome transcription by CAT activity.

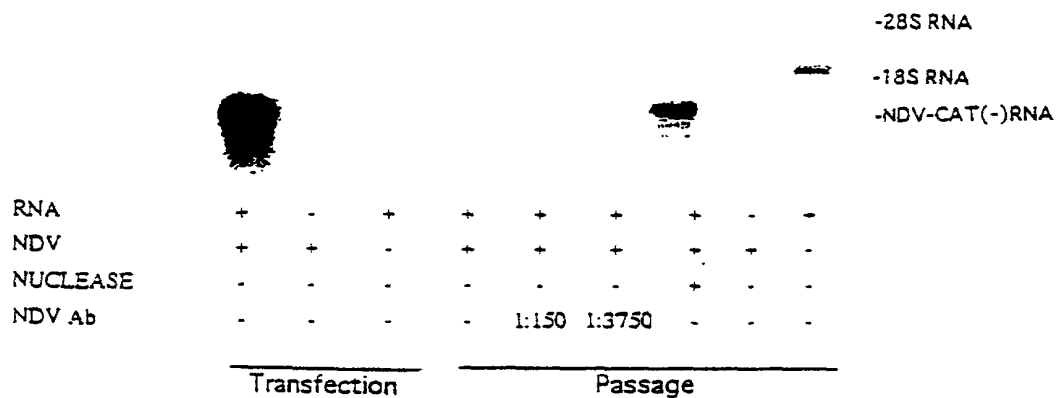
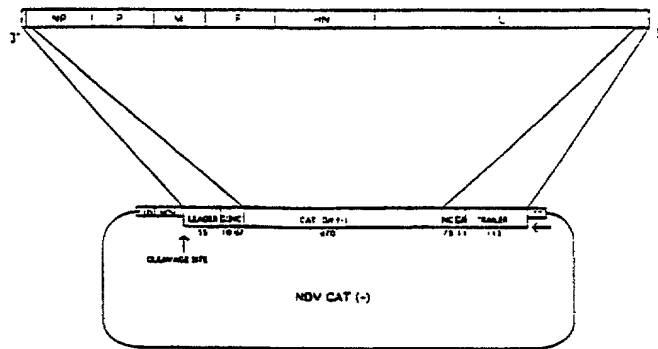


Fig. 5B


Demonstration of NDV minigenome replication by Northern hybridization.

FIGURE 6



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FIGURE 7



NP	-	+	-	+
P	-	+	-	+
L	-	+	-	+
NDV-CAT(-)	-	-	+	+
VTF7-3	+	+	+	+

FIGURE 8

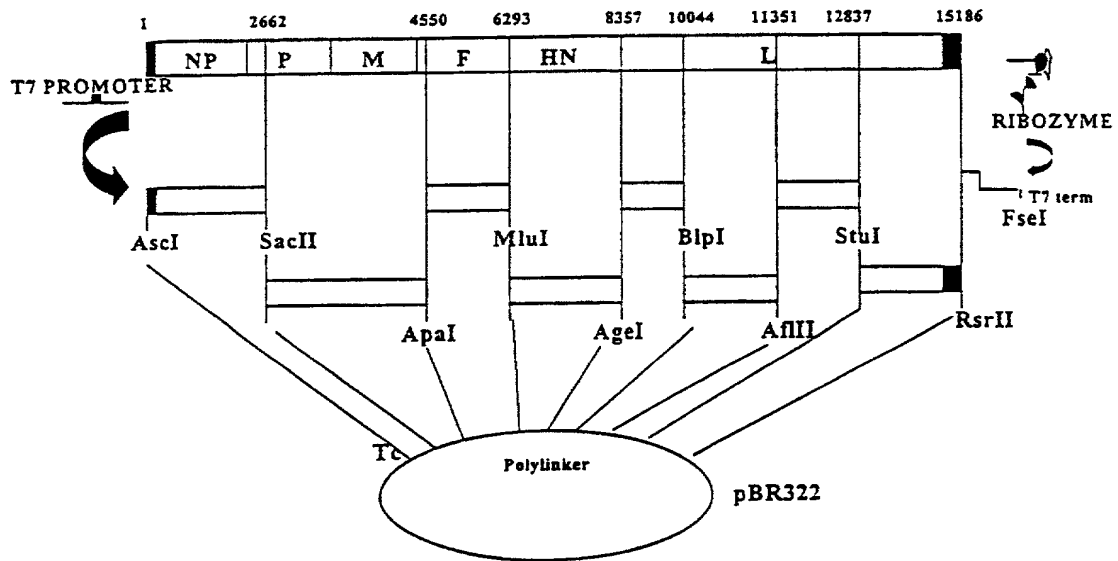


FIGURE 9

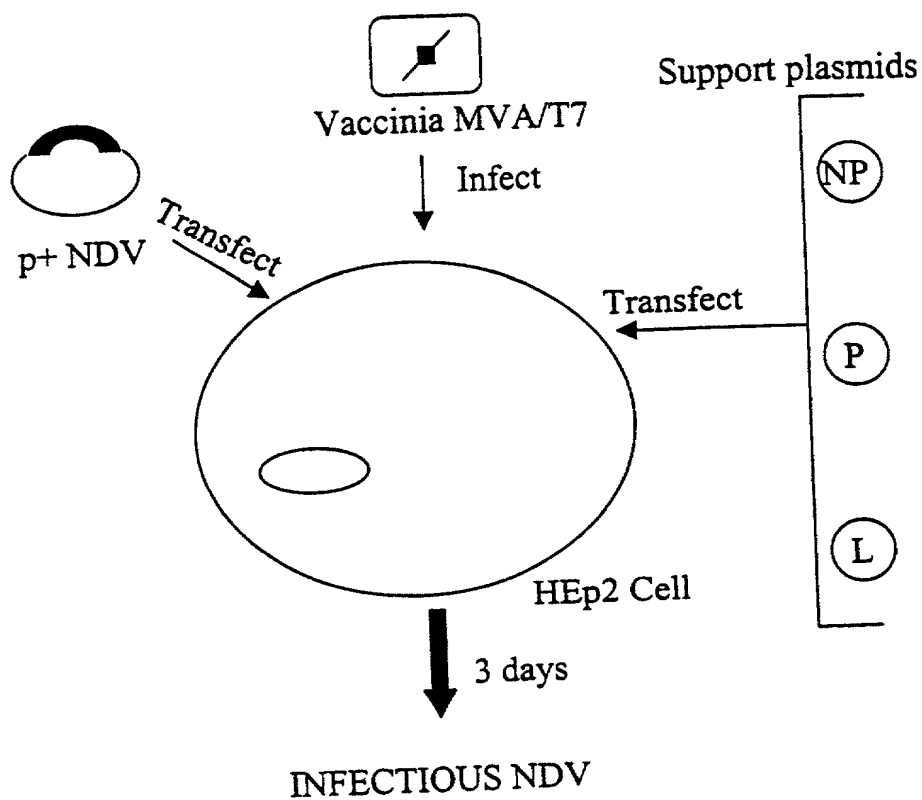
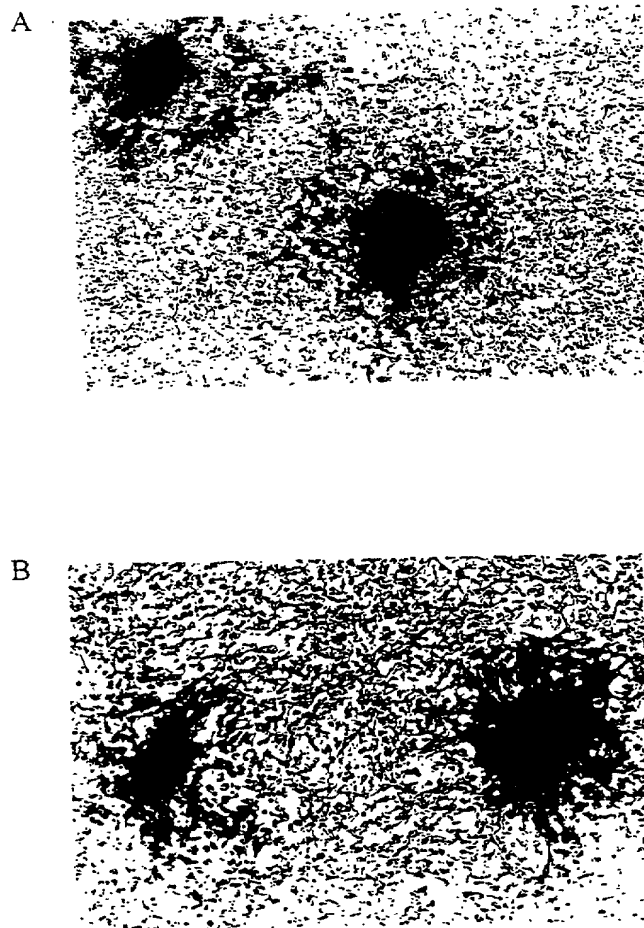
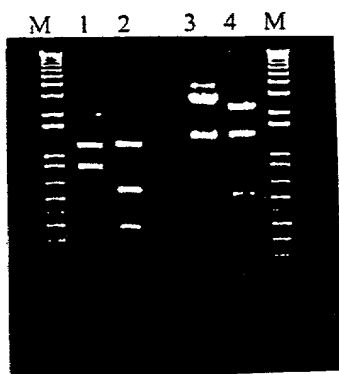


FIGURE 10



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FIGURE 11



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FIGURE 12

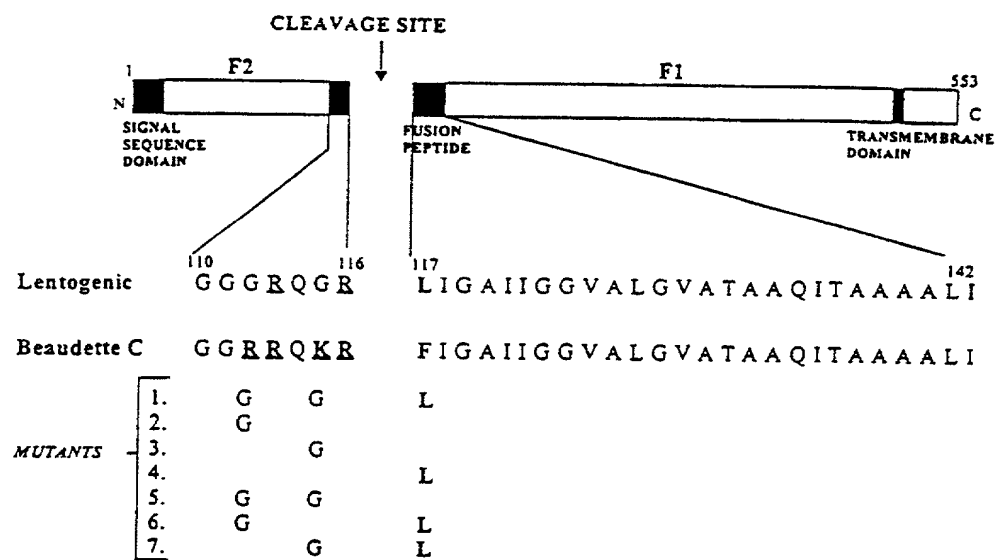
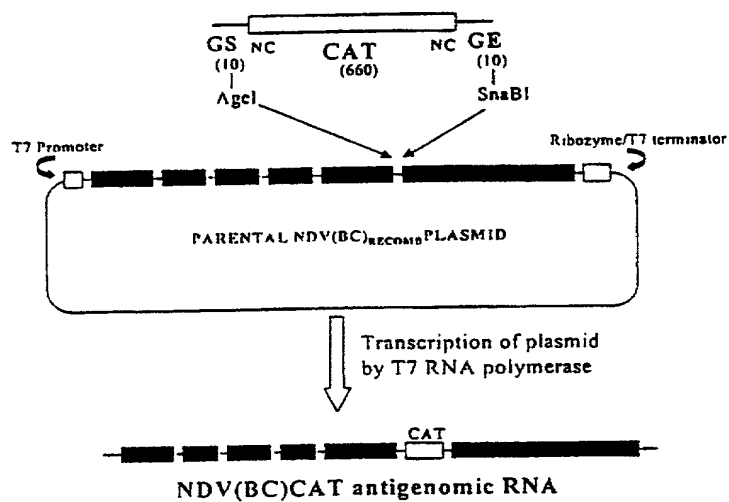


FIGURE 13



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FIGURE 14



FIGURE 15

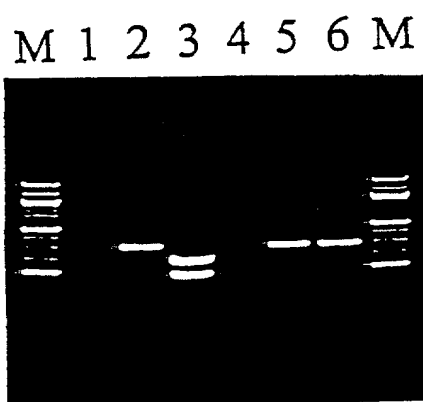
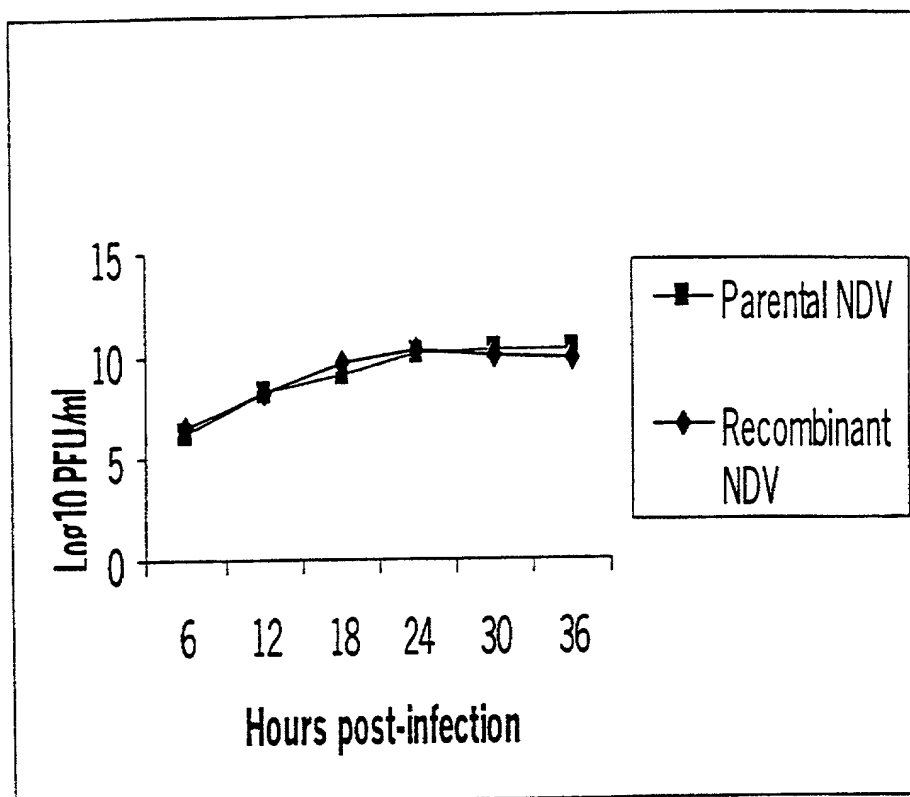


FIGURE 16



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FIGURE 17

